

AMENDMENTS TO THE DRAWINGS

Seven (7) attached sheets of drawings include changes to Figs. 8 and 11-16. The changes to these Figures are as follows.

Sheet 1 includes Fig. 8 – Please amend reference numeral -- 2 -- to “8” for the pulse control circuit.

Sheet 2 includes Fig. 11 – Please label this figure as “Prior Art”.

Sheet 3 includes Fig. 12 – Please label this figure as “Prior Art”.

Sheet 4 includes Fig. 13 – Please label this figure as “Prior Art”.

Sheet 5 includes Fig. 14 – Please label this figure as “Prior Art”.

Sheet 6 includes Fig. 15 – Please label this figure as “Prior Art”.

Sheet 7 includes Fig. 16 – Please label this figure as “Prior Art”.

Attachment: Seven (7) Replacement sheets

REMARKS

This is in full and timely response to the Official Action of November 30, 2004. Reexamination and reconsideration re respectfully requested. The indication of allowable subject matter is acknowledged with appreciation. Accordingly, this application is condition for allowance except for formal matters and prosecution on the merits is closed in accordance with the practice in Ex parte Quayle.

Priority Acknowledgement

It is noted that the initial Action acknowledges receipt of the certified copy in support of the claim for priority under 35 USC 119.

Specification

The lengthy specification has been reviewed to prepare the application for final printing in view of the indication of allowable subject matter. None of the proposed claims presents issues of new matter; rather, the proposed changes are directed to formal matters such as correspondence between the specification and the drawings.

Drawings

Changes are made to the drawings as shown on the attached sheets. In particular, Figs. 11 to 16 are labeled as PRIOR ART in accordance with the discussions at pages 1 to 30 of the specification as filed. In addition, reference numeral 2 has been changed to 8 for the pulse control circuit in Fig. 8

Information Disclosure Statement

It is also noted with appreciation that the references emanating from the ESR were considered, as shown in the initialed Form PTO-1449. However, several background references cited at pages 21 and 69 of the specification are cited in an IDS which accompanies this submission, along with an authorization for fee payment. Consideration on

the merits of these additional references is requested by returning an initialed Form PTO-1449.

Claims

Only claim 13 was rejected as indefinite in that "a signal" on line 21. It appears that line 7 was intended. In any event, the requested change is made to recite a "second bias signal" to provide basis for the use of the term later in the claim. Withdrawal of the rejection and the objection of claims 14 to 23 that depend directly or indirectly on claim 13 is solicited.

Claims 1 to 12 and 24 to 46 were allowed, so that claims 1 to 46, all of the claims pending, are allowable.

Conclusion

All pending claims 1 to 46 are allowed, and early Notice of Allowance is solicited.

Dated: January 28, 2005

Respectfully submitted,

By

Ronald P. Kananen

Registration No.: 24,104

RADER, FISHMAN & GRAUER PLLC

1233 20th Street, N.W.

Suite 501

Washington, DC 20036

(202) 955-3750

Attorney for Applicant

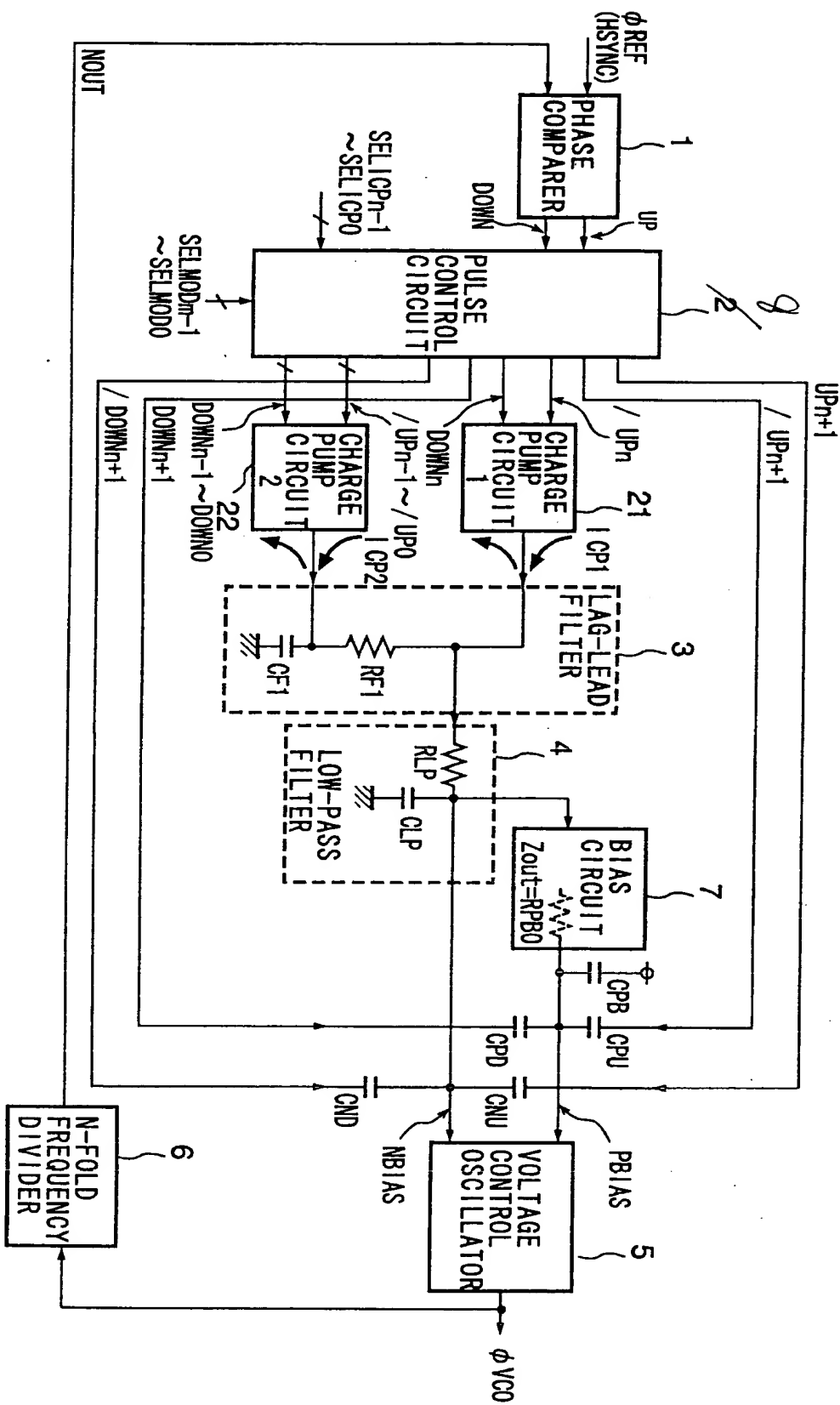
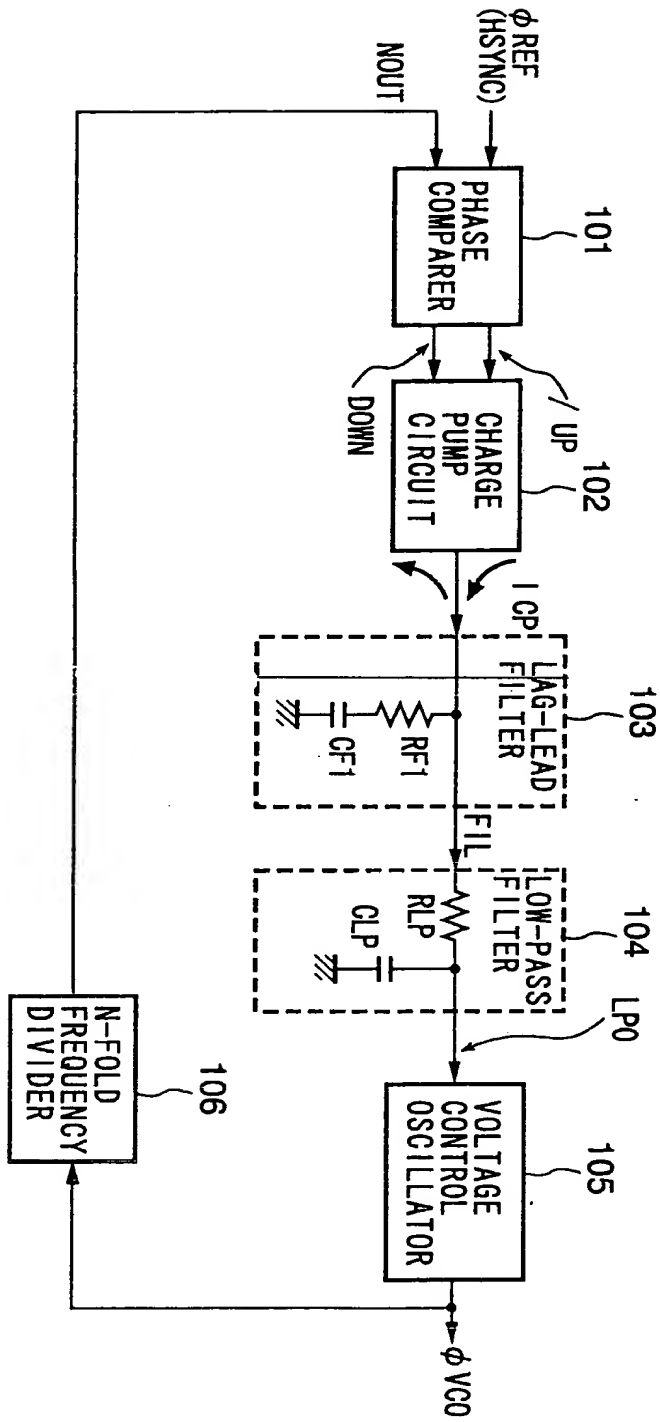
$$\underline{UP_{n+1}}$$


FIG. 11 *Prior Art*



Prior Art

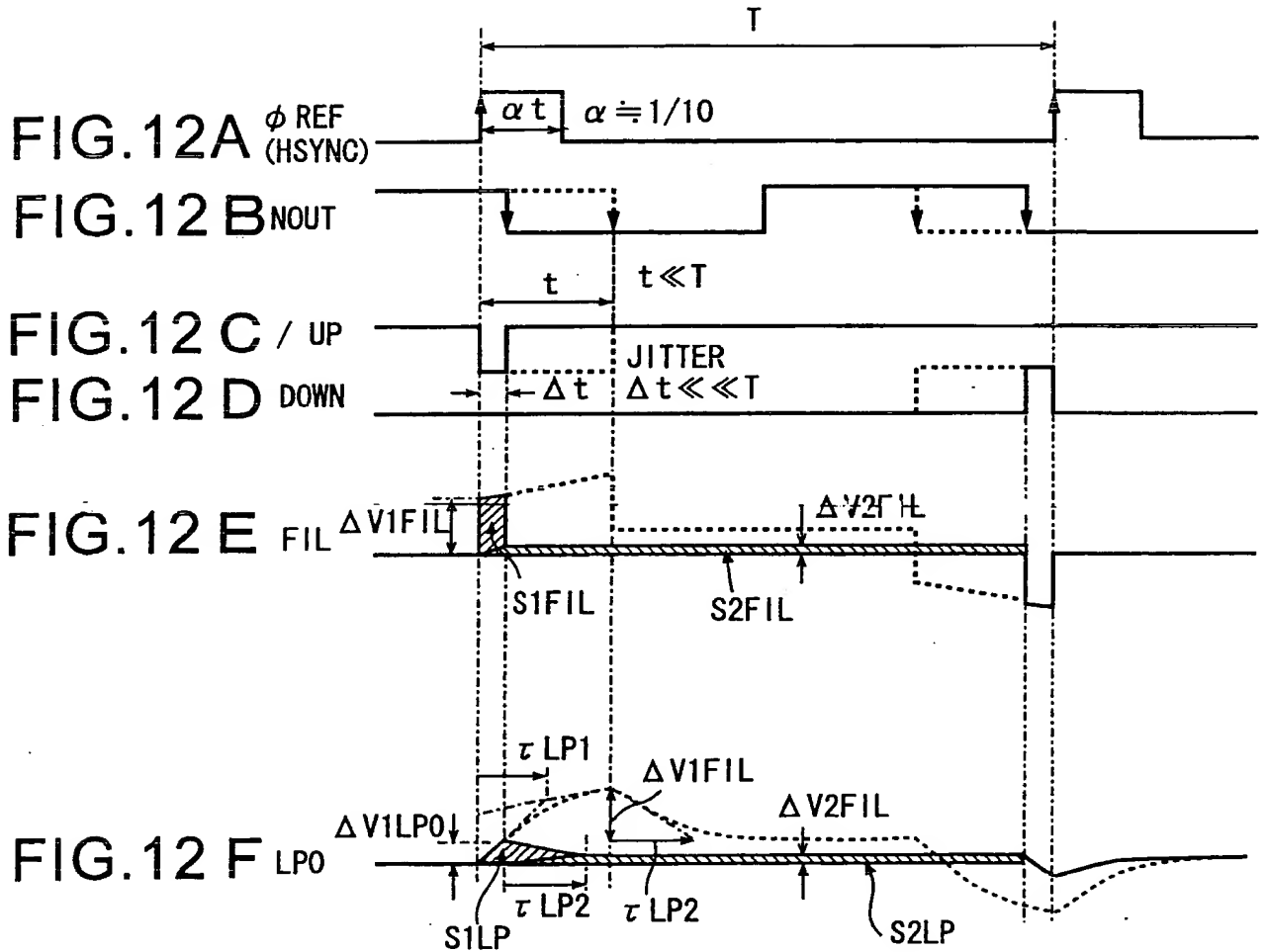
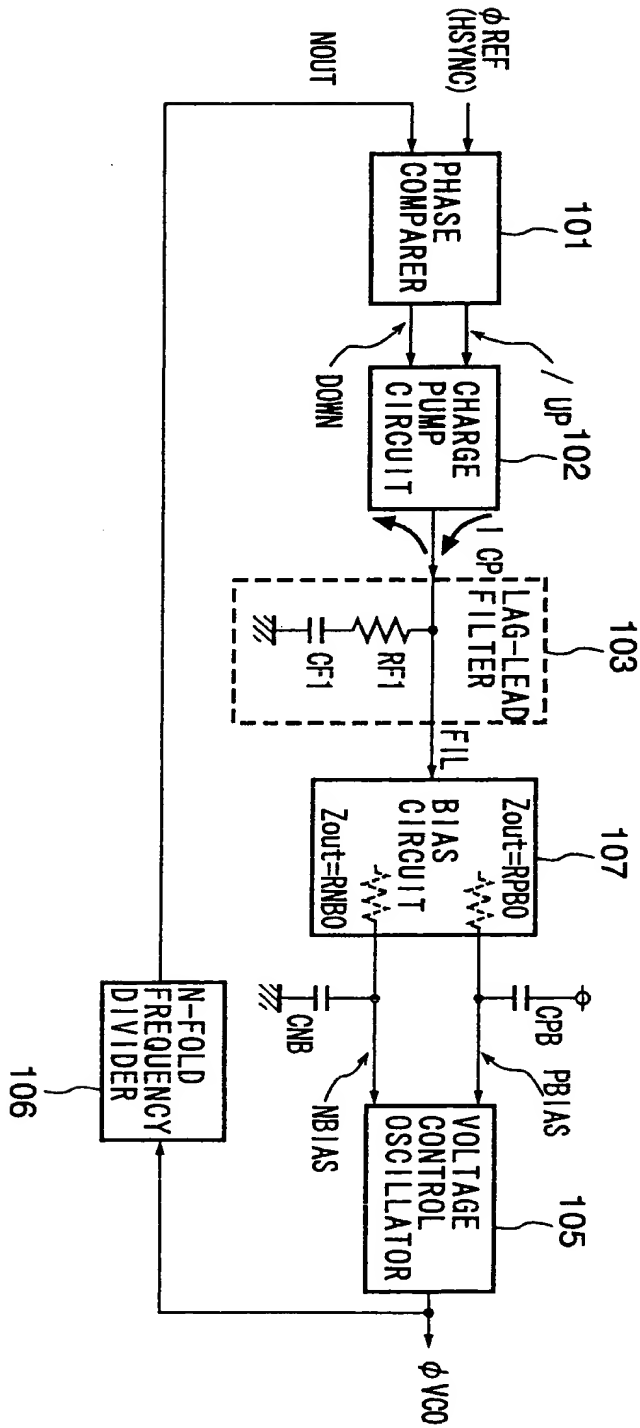




FIG. 13 *Prior Art*





ANNOTATED SHEET

Prior Art

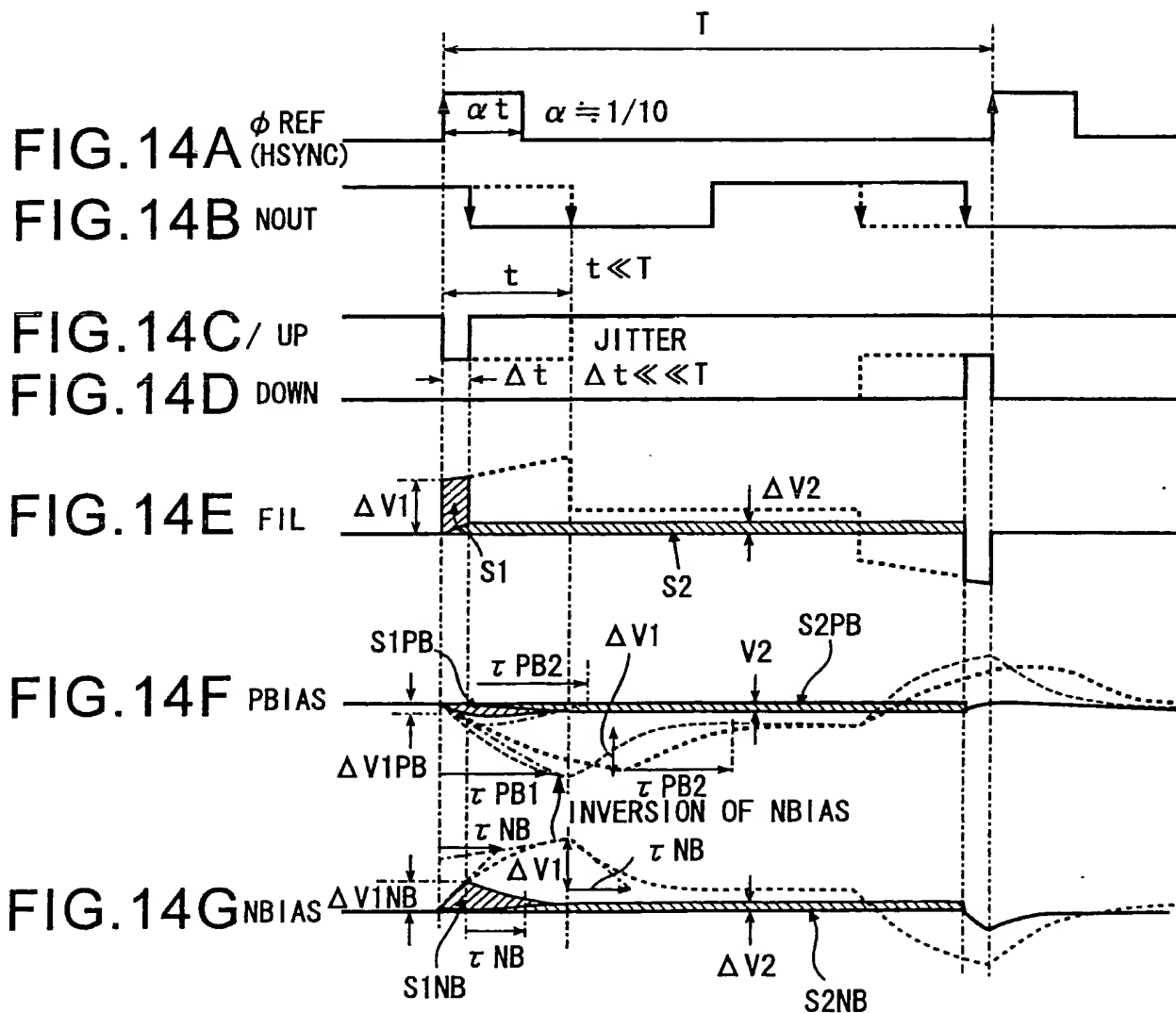
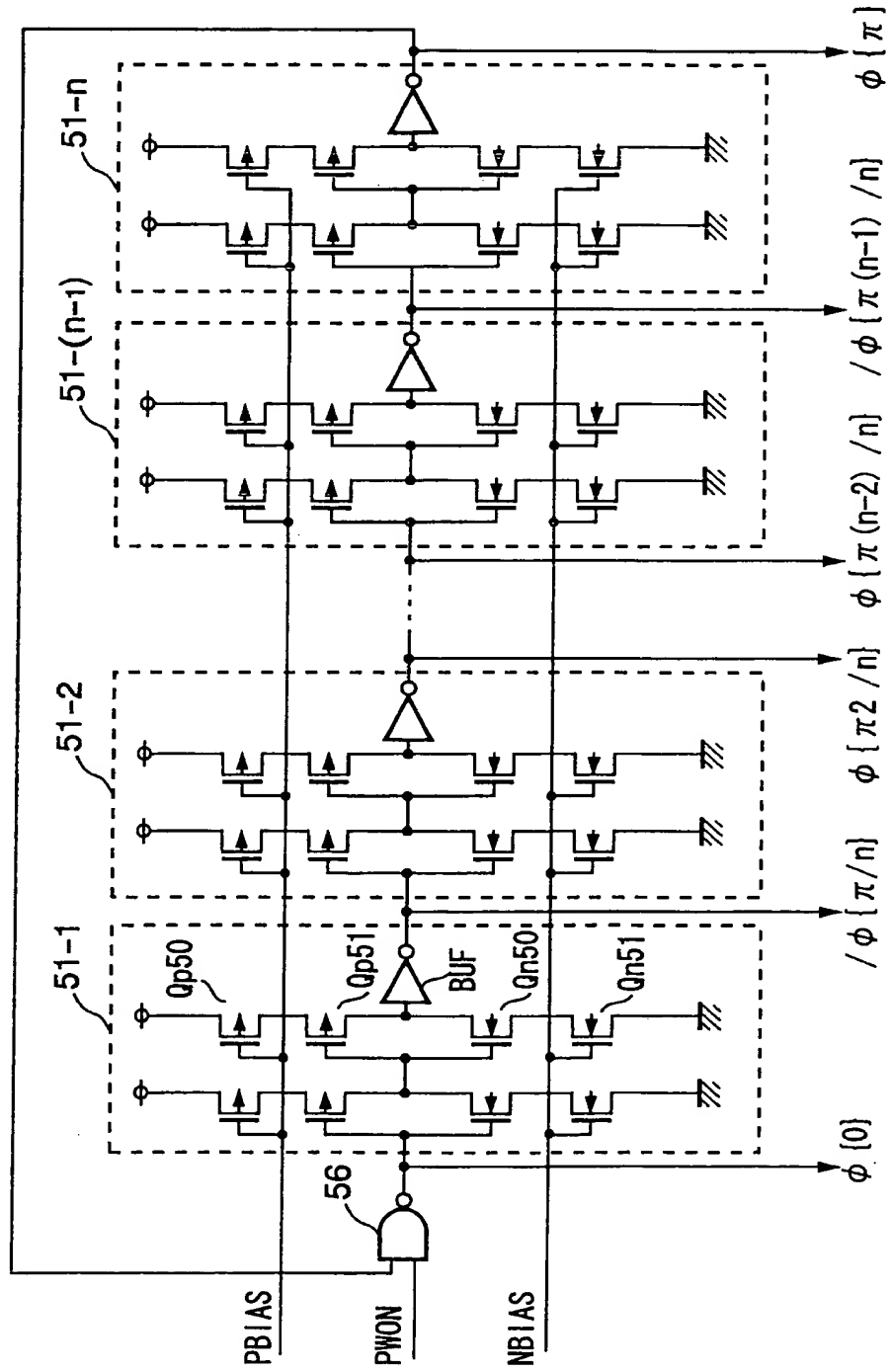


FIG.15 Pr 102 Art 1





ANNOTATED SHEET

FIG.16 *Prior Art*

